

*Apprenticeship
Resource Manual*

for

*San Diego County
Skilled Construction Trades*

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Executive Summary

The *Apprenticeship Resource Manual for San Diego County Skilled Construction Trades* was developed as a result of research conducted by the Apprenticeship Subcommittee of the Public Works Advisory Committee. This document was originally distributed in January of 1999 and has been updated for the current publication.

This comprehensive manual is a resource for use by job applicants interested in careers in the construction industry, vocational and educational counselors, members of community-based organizations, and others.

**Public Works Advisory Committee
Mission Statement**

Promote and support outreach to underutilized groups in employment of the skilled trades and in subcontracting.

Articulate to all primes and subcontractors on City projects, the Committee's commitment to equal employment opportunity through apprenticeship and equal access to subcontracting opportunities.

Maintain and enhance relations and coordination with other governmental entities, community groups, labor organizations, sponsors, primes and subcontractors and elected officials.

Promote public confidence in the program by providing education, resources and advocacy to enhance the representation of underutilized groups in the construction industry.

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Advantage of Apprenticeship

An apprenticeship program is a formal, organized system of on-the-job training supplemented by related instruction during which an apprentice learns by doing and earns while learning.

Apprenticeship differs from other kinds of higher education by being based on an employer-employee relationship in which an apprentice receives both a salary and career training.

Apprentices move upward in a chosen field as a paid employee while attending school during off-work hours. Apprenticeship programs vary in length from one to five years; most last two to four years.

Apprentices are full-time employees who learn an occupation on the job site, as well as in the classroom. An apprentice works for a salary that increases at each higher skill level (or period) and is covered by all State and Federal employment laws.

At the end of an apprenticeship program, the State of California awards a *Certificate of Completion*, affirming an individual's completion of training which meets industry standards for occupational proficiency. This certificate is recognized throughout the industry and throughout the nation as an indicator of high-quality training.

California apprenticeship programs provide training in over four hundred different occupations. This resource manual serves specifically to identify San Diego County programs for the skilled **construction trades**.

BRICKLAYERS/STONEMASONS
Union Program

Description	Bricklayers/Stonemasons build with masonry materials, bricks, blocks, and stone
Sponsor	San Diego & Imperial County Bricklayers/Stonemasons JAC
Address	7171 Alvarado Road, Suite 201 La Mesa, CA 91941
Telephone	619.698.8604 [same for fax]
Contact	Brenda Moore/Lionel Hernandez
Program Duration	3 years
Requirements	
Age	18 years
Education	N/A
Physical	N/A
Exams	N/A
Other	Employers may require drug testing
Wage Information	San Diego County: Entry level wages: \$11.50/hour plus fringe benefits Journey wages: \$25.00/hour plus fringe benefits Imperial County: Entry level wages: \$13.10/hour plus fringe benefits Journey wages: \$29.00/hour plus fringe benefits
Application Process	Call to request application
Cost	Montgomery Adult School fee

CARPENTRY
Union Program

Description	Carpenters erect wood framework in buildings, build forms for concrete, and erect partitions, studs, joists, rafters
Sponsor	Southern California Carpentry JATC
Address	8595 Miralani Drive San Diego, CA 92126
Telephone	858.621.2667 Fax: 858.621.2669
Contact	Rick Cole, Coordinator e-mail address: rickc@californiacarpenters.org
Program Duration	4 years; 160 classroom hours per year plus 6000 hours on-the-job training
Requirements	
Age	17 years
Education	N/A
Physical	Good physical condition; considerable climbing, lifting and carrying required; some reaching, balancing, kneeling, crawling and turning also required
Exams	N/A
Other	Mechanical aptitude necessary Web page: www.californiacarpenters.org
Wage Information	Entry level wages: \$11.60/hour plus fringe benefits Journey wages: \$29.00/hour plus fringe benefits
Application Process	Applications accepted Monday-Friday from 8 AM – 4:30 PM
Cost	Union membership required

CARPENTRY: Acoustical Installer
Union Program

Description	Installation of variety of factory-produced systems and construction material in commercial buildings and public structures
Sponsor	Southern California Carpentry JATC
Address	8595 Miralani Drive San Diego, CA 92126
Telephone	858.621.2667 Fax: 858.621.2669
Contact	Rick Cole, Coordinator e-mail address: rickc@californiacarpenters.org
Program Duration	3 years; 160 classroom hours per year plus 6000 hours on-the-job training
Requirements	
Age	17 years
Education	N/A
Physical	Good physical condition
Exams	N/A
Other	Drug test required Web page: www.californiacarpenters.org
Wage Information	Entry level wages: \$11.60/hour plus fringe benefits Journey wages: \$26.10/hour plus fringe benefits
Application Process	Applications accepted Monday-Friday from 8 AM – 4:30 PM
Cost	Union membership required

CARPENTRY

Associated General Contractors Program

Description	Carpenters erect wood framework in buildings, build forms for concrete, and erect partitions, studs, joists and rafters; considerable climbing, lifting, and carrying required; some reaching, balancing, kneeling, crawling and turning also required
Sponsor	Associated General Contractors of America
Address	6212 Ferris Square San Diego, CA 92121
Telephone	858.558.0739 Fax: 858.558.8941
Contact	Basil Espinosa
Program Duration	5000 hours within four years
Requirements	
Age	18 years
Education	High School Diploma or GED
Physical	Good physical condition; exam may be required by employer
Exams	No formal exam, however, must have good manual dexterity and ability to solve math problems quickly
Other	Most employers will require a drug test before hiring
Wage Information	Entry level wages: \$11.07/hour plus fringe benefits Journey wages: \$24.60/hour plus fringe benefits
Application Process	Applications accepted all year long; must apply in person
Cost	No cost to apply; apprentices required to pay for educational text books

CARPENTRY

Black Contractors Association Program

Description	Carpenters erect wood framework in buildings, build forms for concrete, and erect partitions, studs, joists and rafters; considerable climbing, lifting, and carrying required; some reaching, balancing, kneeling, crawling, and turning also required
Sponsor	Black Contractors Association of San Diego
Address	6125 Imperial Avenue San Diego, CA 92114
Telephone	619.263.9791 Fax: 619.263.6865
Contact	Janiece Hameed
Program Duration	5000 hours (on the job) within four years; additional classroom work required totaling 108 hours per year; classroom work is in George Stevens Hall at BCA
Requirements	
Age	18 years
Education	N/A
Physical	Good physical condition
Exams	N/A
Other	Must be drug free
Wage Information	\$9.39/hour plus fringe benefits
Application Process	Applications accepted Monday-Friday from 8 AM - 4 PM
Cost	N/A

CEMENT MASON
Union Program

Description	Cement Masons finish concrete surfaces of floors, walls, streets, driveways, sidewalks, curbs and gutters and set forms and screeds for all of the above; assist in preparation and grading for pouring and removal of old concrete; operate troweling machines and grinders; work performed on large buildings, small buildings, highways, streets, bridges, sidewalks, curbs and gutters
Sponsor	San Diego County Cement Mason Apprenticeship & Training
Address	1807 Robinson Avenue, Suite 206 San Diego, CA 92103
Telephone	619.291.6931 Fax: 619.297.7350
Contact	Allan Caudillo
Program Duration	3 years; 3600 work hours; 122 related classroom hours
Requirements	
Age	18 years
Education	High School diploma, GED or equivalent
Physical	Good physical condition
Exams	N/A
Other	Employer may drug-test; must have reliable transportation
Wage Information	Building Type I and II: Entry level wages: \$9.10/hour plus fringe benefits Journey wages: \$21.17/hour plus fringe benefits Engineering: Entry level wages: \$9.83/hour plus fringe benefits Journey wages: \$24.57/hour plus fringe benefits
Application Process	Open for applications all year; call in on 3 rd Monday of the month to make appointment for 3 rd Wednesday of the month
Cost	Apprentice Initiation Fee of \$306.70 Journeyworker Initiation Fee of \$412.50

CEMENT MASON
Associated General Contractors Program

Description	Cement Masons level, smooth, and shape surfaces of freshly poured concrete on projects ranging from sidewalks to bridges, dams, highways, foundations, building walkways
Sponsor	The Associated General Contractors of America
Address	6212 Ferris Square San Diego, CA 92121
Telephone	858.558.0739 Fax: 858.558.8941
Contact	Basil Espinosa
Program Duration	3 years; 3600 hours
Requirements	
Age	18 years
Education	High School Diploma or GED
Physical	Good physical condition; exam may be required by employer
Exams	No exam; however, Cement Masons should enjoy continuous physical effort and have pride of craftsmanship
Other	Most employers will require a drug-test before hiring
Wage Information	Entry level wages: \$9.13/hour plus fringe benefits Journey wages: \$22.82/hour plus fringe benefits
Application Process	Open for applications all year long; must apply in person
Cost	No cost to apply; apprentices required to pay for text books

DRYWALL FINISHER
Union Program

Description	Drywall Finishers prepare drywall surfaces for painting by sanding, preparing, taping and touching-up with hand-applied operations or machine-applied systems; must be able to do great deal of reaching, balancing, crawling, turning and have no fear of heights
Sponsor	Southern California Painting & Drywall Industries Apprenticeship Trust
Address	8250 Ronson Rd. San Diego, CA 92111
Telephone	858.278.1710 Fax: 858.278.1714
Contact	Ann Colvin
Program Duration	5400 hours of on-the-job training in addition to class work
Requirements	
Age	17 years
Education	High School Diploma or GED
Physical	Good physical condition
Exams	Aptitude exam given
Other	Valid driver's license; employer may require drug test
Wage Information	Entry level wages: \$9.18/hour plus fringe benefits Journey wages: \$20.40/hour plus fringe benefits
Application Process	Open enrollment at nearest local in San Diego area or at main apprenticeship office at: 2077 Yates Ave., City of Commerce, CA 90040 (contact Sergio Hernandez 213.727.2811)
Cost	No cost to apply

DRYWALL FINISHER

Associated General Contractors Program

Description	Drywall Finishers prepare drywall surfaces for painting by sanding, preparing, taping and touching-up with hand-applied operations or machine-applied systems; must be able to do great deal of reaching, balancing, crawling, turning and have no fear of heights
Sponsor	Associated General Contractors of America
Address	6212 Ferris Square. San Diego, CA 92121
Telephone	858.558.0739 Fax: 858.558.8941
Contact	Basil Espinosa
Program Duration	3 years; 4000 work hours
Requirements	
Age	18 years
Education	High School Diploma or GED
Physical	Good physical condition; exam may be required by employer
Exams	No exam; applicant should enjoy working with hands, have good eye/hand coordination and enjoy working indoors
Other	Most employers will require a drug test before hiring
Wage Information	Entry level wages: \$7.50/hour plus fringe benefits Journey wages: \$15.50/hour plus fringe benefits
Application Process	Open for applications all year long; must apply in person
Cost	No cost to apply; apprentices required to purchase text books

DRYWALL LATHER
Union Program

Description	Drywall Lathers erect wood or metal framing, partitions, ceilings, elevator shafts, and install drywall; work is mostly indoors and often in high places
Sponsor	Southern California Carpentry JATC
Address	8595 Miralani Drive San Diego, CA 92126
Telephone	858.621.2667 Fax: 858.621.2669
Contact	Rick Cole, Coordinator e-mail address: rickc@californiacarpenters.org
Program Duration	3 years; 160 hours of classroom per year plus 4800 hours on-the-job training
Requirements	
Age	17 years
Education	N/A
Physical	Good physical condition
Exams	No exam required
Other	Mechanical aptitude necessary Web page: www.californiacarpenters.org
Wage Information	Entry level wages: \$10.80/hour plus fringe benefits Journey wages: \$21.65/hour plus fringe benefits
Application Process	Applications accepted Monday-Thursday; 8 AM - 4:30 PM
Cost	Union membership required

DRYWALL LATHER

Associated General Contractors Program

Description	Drywall Lathers erect wood or metal framing, partitions, ceilings, elevator shafts, and install drywall; work is mostly indoors and often in high places
Sponsor	Associated General Contractors of America
Address	6212 Ferris Square San Diego, CA 92121
Telephone	858.558.0739 Fax: 858.558.8941
Contact	Basil Espinosa
Program Duration	3 years; 5400 work hours
Requirements	
Age	18 years
Education	High School Diploma or GED
Physical	Good physical condition
Exams	No exam, however, manual dexterity and ability to solve math problems quickly is necessary to become top craftsman
Other	Most employers will require a drug test before hiring
Wage Information	Entry level wages: \$7.97/hour plus fringe benefits Journey wages: \$17.70/hour plus fringe benefits
Application Process	Open for applications all year long; must apply in person
Cost	No cost to apply; apprentices required to purchase text books

DRYWALL LATHER

Black Contractors Association Program

Description	Drywall Lathers erect wood or metal framing, partitions, ceilings, elevator shafts, and install drywall; work is mostly indoors and often in high places
Sponsor	Black Contractors Association of San Diego
Address	6125 Imperial Avenue San Diego, CA 92114
Telephone	619.263.9791 Fax: 619.263.6865
Contact	Janiece Hameed
Program Duration	3600 hours on-the-job training within 3 years; additional classroom work required totaling 106 hours per year; classroom work is in George Stevens Hall at BCA
Requirements	
Age	Must be 18 years of age
Education	N/A
Physical	Good physical condition
Exams	N/A
Other	Must be drug free
Wage Information	\$8.88/hour plus fringe benefits
Application Process	Applications accepted Monday-Friday from 8 - 10 AM
Cost	No cost to apply

ELECTRICAL
Union Program

Description	Apprentices perform all aspects of electrical/ telecommunications wire tasks in commercial, industrial and residential construction
Sponsor	San Diego Electrical Joint Apprenticeship & Training Committee
Address	4675-D Viewridge Avenue San Diego, CA 92123
Telephone	858.569.6322 x 11 Fax: 858.569.0624
Contact	James Westfall, Training Director Website: www.positivelyelectric.com
Program Duration	Electrical: 5 years; minimum of 10 semesters of class work (one day every other week) and 8000 on-the-job hours
Requirements	
Age	At least 18 years; must provide photo identification (passport or driver's license) at time of application
Education	High School graduate or GED with successful completion of one year of Algebra; must provide officially sealed and unopened high school transcript and GED (if applicable) -OR- provide documentation of a minimum of 4000 hours worked in the electrical construction trade -OR- successful completion of at least 2 years of related instruction and 4000 hours of OJT as an indentured electrical apprentice in an apprenticeship not sponsored by IBEW/NECA
Physical	Good physical condition
Exams	General aptitude exam and interview
Other	Drug test required; driver's license and reliable transportation
Wage Information	Entry level wages: \$11.25/hour plus fringe benefits Journey wages: \$28.13/hour plus fringe benefits
Application Process	Bring documents and photo ID to above address on Wednesdays between 2 - 4 pm. Applications must be completed immediately and may not be removed from office
Cost	No cost to apply; NO TUITION; students purchase text books and tools; union membership required to IBEW, Local 569

ELECTRICAL

Associated Builders & Contractors Program

Description	Electricians install, maintain and repair electrical wiring, equipment and fixtures and ensure work is in accordance with relevant codes
Sponsor	Associated Builders and Contractors of San Diego
Address	4499 Ruffin Road, Suite 300 San Diego, CA 92123
Telephone	858.492.9300 Fax: 858.492.9394
Contact	Sherry Yarbrough
Program Duration	4 years; 8000 on-the-job training hours and 720 classroom hours
Requirements	
Age	18 years
Education	High School Diploma or GED; algebra course with "C" or better
Physical	N/A
Exams	Entrance test
Other	Drug test required
Wage Information	Entry level wages: \$11.25/hour plus fringe benefits Journey wages: \$28.13/hour plus fringe benefits
Application Process	Applications accepted year round; call to inquire
Cost	No cost to apply; apprentices required to purchase text books, approximately \$100 per year

ELECTRICAL
San Diego Trolley Apprenticeship Program

Description	Assistant Lineman
Sponsor	San Diego Trolley, Inc.
Address	1255 Imperial Avenue, Suite 900 San Diego, CA 92101-7492
Telephone	619.595.4904 Fax: 619.231.9554
Contact	Mitchell Campbell/Theron Merritt
Program Duration	4 years divided into two segments of two years each
Requirements	
Age	Must be 18 years of age
Education	Proof high school graduation or copy of GED certificate with at least one semester of algebra (grade of "C" or better)
Physical	N/A
Exams	N/A
Other	Current copy of DMV driving record
Wage Information	\$12.64/hour
Application Process	Call Job Hotline number for information: (619) 595-4979
Cost	No cost to apply

FLOOR COVERING
Union Program

Description	Floor covering apprentices prepare subflooring and install new resilient flooring
Sponsor	San Diego Floor Coverers JAC.
Address	8250 Ronson Road San Diego, CA 92111
Telephone	858.278.1615 Fax: 858.278.1714
Contact	Joe Enriquez
Program Duration	3 years; 324 hours of classroom work; 3600 hours on-the-job training
Requirements	
Age	18 years
Education	N/A
Physical	Good physical condition
Exams	N/A
Other	N/A
Wage Information	Entry level wages: \$9.53/hour plus fringe benefits Journey wages: \$19.57/hour plus fringe benefits
Application Process	Applications accepted from 9 AM to 4 PM
Cost	Initiation fee for union

GLAZING
Union Program

Description	Glazing requires use of hand tools, electric drills, electric metal saws and glass polishing equipment; requires blueprint reading and layout work; handling, cutting and processing glass of all sizes; work is at various heights on ladders, scaffolds and swinging stages
Sponsor	San Diego & Imperial County Glaziers Joint Apprenticeship
Address	8250 Ronson Road San Diego, CA 92111
Telephone	858.278.1615 Fax: 858.278.1714
Contact	Joe Enriquez
Program Duration	4 ½ years work/study program; includes 160 hours per year at night school
Requirements	
Age	18 years
Education	High School Diploma or GED
Physical	Good physical condition; heavy lifting required; applicants should not be free bleeders
Exams	N/A
Other	N/A
Wage Information	Entry level wages: \$11.02/hour plus fringe benefits Journey wages: \$27.55/hour plus fringe benefits
Application Process	Applications accepted Monday – Wednesday from 7 – 10 AM at Vickers Street office
Cost	Initiation fee for union

IRONWORKER
Union Program

Description	Ironworkers are employed in four segments of the trade: (1) Structural Ironworker. Assembles, erects, installs fabricated iron parts to form skeleton of industrial, commercial, large residential buildings. (2) Reinforcing Ironworker. Fabricates, places steel bars in concrete forms to reinforce structures such as building freeways, bridges, drainage channels, commercial structures. (3) Ornamental Ironworker. Installs metal stairways, cat walks, gratings, iron ladders, doors, gates, fences, platforms, railings, other “finishes” in construction of large commercial, industrial, residential buildings. (4) Riggers and Machine Mover. Loads, unloads, moves machinery in construction and maintenance of industrial plants, precast concrete structures.	
Sponsor	California Field Ironworkers JATC	
Address	5155 Mercury Point, Suite A, San Diego, CA 92111	
Telephone	858.505.9414	Fax: 858.505.9594
Contact	Jack Gavett	email: IW229jac@msn.com
Program Duration	3 years; includes 204 hours per year in class work	
Requirements		
Age	18 years	
Education	High School diploma; high school proficiency certificate or GED; applicant must read, write and speak English	
Physical	Good physical condition	
Exams	N/A	
Other	Driver's license and reliable transportation required	
Wage Information	Entry level wages: \$18.21/hour plus fringe benefits Journey wages: \$30.30/hour plus fringe benefits	
Application Process	Applications accepted Monday - Friday from 9 - 11 AM	
Cost	No cost for apprentice program; membership required in Ironworkers Local 229	

LANDSCAPE & IRRIGATION FITTERS
Union Program

Description	Landscape & Irrigation Fitters perform layout, installation and testing of piping and control wiring of irrigation systems; layout installation and testing of drainage, catch basins, pumps, storage tanks and area drains; operation, care, use and maintenance of all hand tools, power tools, and construction equipment related to the trade; layout, installation and establishment of plants, tree shrubs, ground covers, turf and plant identification
Sponsor	Landscape & Irrigation Fitters of Southern California, JATC
Address	U.A. Local Union #345 142 W. Pomona Avenue Monrovia, CA 91016
Telephone	626.357.9345 Fax: 626.359.0359
Contact	Reuben Bautista
Program Duration	5 years; 3 hours of class work per week during school year and 9000 hours of on-the-job training
Requirements	
Age	18 years
Education	High School Diploma or GED; photocopies required for files
Physical	Good physical condition
Exams	N/A
Other	N/A
Wage Information	Entry level wages: \$10.83/hour plus fringe benefits Journey wages: \$20.88/hour plus fringe benefits
Application Process	Applicants from San Diego & Imperial Counties may apply by mail or applications may be made in person, Monday - Friday from 9 AM - Noon
Cost	No cost to apply

MILLWRIGHT
Union Program

Description	Millwrights install and maintain machinery in factories and perform precision work in nuclear power plants
Sponsor	Southern California Carpentry JATC
Address	8595 Miralani Drive San Diego, CA 92126
Telephone	858.621.2667 Fax: 858.621.2669
Contact	Rick Cole, Coordinator e-mail address: rickc@californiacarpenters.org
Program Duration	4 years; 1600 hours of classroom work per year plus 8000 hours of on-the-job training
Requirements	
Age	18 years
Education	N/A
Physical	Good physical condition
Exams	Exam required
Other	Mechanical aptitude necessary Web page: www.californiacarpenters.org
Wage Information	Entry level wages: \$11.80/hour plus fringe benefits Journey wages: \$29.50/hour plus fringe benefits
Application Process	Applications accepted on first Tuesday of each month at 8 AM sharp
Cost	Union membership required

OPERATING ENGINEERS

Union Program

Description	Operating engineers are heavy equipment operators and mechanics for major projects involving rock, sand, gravel or dredging operations
Sponsor	Operating Engineers Training Trust
Address	3935 Normal Street San Diego, CA 92103
Telephone	619.295.3186 Fax 619.295.9705
Contact	John Barnett
Program Duration	Approximate 3 year program; includes 6 to 7 semesters of classroom work and 1000 hours of on-the-job training per semester, totaling 6000 hours
Requirements	
Age	18 years
Education	N/A
Physical	Must be physically capable of heavy lifting
Exams	Three-part test includes verbal, mechanical and math skills
Other	Drug test required
Wage Information	Entry level wages: \$18.26/hour plus fringe benefits Journey wages: \$33.54/hour plus fringe benefits
Application Process	Applicants required to pass written test and are placed on waiting list according to test scores
Cost	Required to join union

OPERATING ENGINEERS

Associated General Contractors Program

Description	Operating engineers are heavy equipment operators and mechanics for major projects involving rock, sand, gravel and dredging operations
Sponsor	Associated General Contractors Program
Address	6212 Ferris Square San Diego, CA 92121
Telephone	858.558.0739 Fax: 858.558.8941
Contact	Basil Espinosa
Program Duration	Approximate 3 year program; includes 6 to 7 semesters of classroom work and 1000 hours of on-the-job training per semester, totaling 6000 hours
Requirements	
Age	18 years
Education	High School Diploma or GED, or HSPE
Physical	Good physical condition; exam may be required by employer
Exams	None
Other	Most employers will require a drug test before hiring
Wage Information	Entry level wages: \$18.26/hour plus fringe benefits Journey wages: \$30.43/hour plus fringe benefits
Application Process	Applications accepted all year long; must apply in person
Cost	No cost to apply; apprentices required to pay for educational textbooks

PAINTER
Union Program

Description	Painting and paperhanging includes preparation of surfaces and application of paint, varnish, enamel, lacquer and wall coverings to wood, metal or masonry buildings
Sponsor	Southern California Painting & Drywall Industries Apprenticeship Trust
Address	8250 Ronson Road San Diego, CA 92111
Telephone	858.278-1710 Fax: 858.278.1714
Contact	Ann Colvin
Program Duration	7000 hours of on-the-job training in addition to class work
Requirements	
Age	17 years
Education	High School Diploma or GED
Physical	Good physical condition
Exams	Aptitude exam given
Other	Valid driver's license; employer may require drug test
Wage Information	Entry level wages: \$8.70/hour plus fringe benefits Journey wages: \$20.34/hour plus fringe benefits
Application Process	Open enrollment at nearest local in San Diego area or at main apprenticeship office at: 2077 Yates Ave, City of Commerce, CA 90040 (contact Sergio Hernandez 213.727.2811)
Cost	No cost to apply

PAINTER

Associated General Contractors Program

Description	Painting includes preparation of surfaces and application of paint, varnish, enamel, lacquer and similar materials to wood, metal or masonry buildings; paint may be applied with a brush, spray gun, or roller; painters mix pigments, oil, and other ingredients to obtain required color and consistency; work is performed on floors, walls, ceilings and equipment inside and outside buildings
Sponsor	Associated General Contractors of America
Address	6212 Ferris Square San Diego, CA 92121
Telephone	858.558.0739 Fax: 858.558.8941
Contact	Basil Espinosa
Program Duration	5040 hours within 3 years
Requirements	
Age	18 years
Education	High School Diploma or GED
Physical	Good physical condition
Exams	N/A
Other	N/A
Wage Information	Entry level wages: \$8.88/hour plus fringe benefits Journey wages: \$25.02/hour plus fringe benefits
Application Process	Open for applications all year long; must apply in person at 6212 Ferris Square, San Diego, CA 92121
Cost	No cost to apply; apprentices required to purchase textbooks

PILE DRIVER
Union Program

Description	Pile Drivers work during early stages of construction by driving metal, concrete or wood pilings into the earth for base foundation
Sponsor	Southern California Carpentry JATC
Address	728 Lagoon Avenue Wilmington, CA 90744 (*See application process.)
Telephone	858.621.2667 Fax: 858.621.2669
Contact	Rick Cole, Coordinator e-mail address: rickc@californiacarpenters.org
Program Duration	4 years; 160 hours of class work per year plus 6000 hours of on-the-job training
Requirements	
Age	17 years
Education	N/A
Physical	Good physical condition
Exams	Aptitude exam required
Other	Mechanical aptitude necessary Web page: www.californiacarpenters.org
Wage Information	Entry level wages: \$11.65/hour plus fringe benefits Journey wages: \$29.13/hour plus fringe benefits
Application Process	First Wednesday each month at 8 AM sharp; applications accepted in Wilmington, CA; however, class work and on-the-job training may occur in San Diego at 8595 Miralani Drive.
Cost	Union membership required

PLASTERER
Union Program

Description	Plasterer skills include application of scratch and brown coats on interior and exterior surfaces; application of finish coat; maintenance and operation of equipment, machine applied plaster and acoustic materials
Sponsor	San Diego Plasterers Joint Apprenticeship Trust
Address	3737 Camino del Rio South, Suite 202 San Diego, CA 92108
Telephone	619.640.0098 Fax: 619.640.0034
Contact	Jerald Haft
Program Duration	3 years of work/study; 4500 work hours and 320 school hours during the three year program
Requirements	
Age	18 years
Education	N/A
Physical	Good physical condition
Exams	N/A
Other	N/A
Wage Information	\$10.58/ hour plus fringe benefits
Application Process	Open for applications on first Wednesday of each month between 5 PM- 9 PM
Cost	Union Initiation Fee plus monthly Union dues

PLUMBER/PIPEFITTER

United Association Indentured Apprenticeship Program

Description	All aspects of plumbing, pipefitting, HVAC service and welding for commercial, industrial and residential projects
Sponsor	United Association of Plumbers and Pipefitters International Union, JATC
Address	6225 Federal Boulevard San Diego, CA 92114
Telephone	619.262.7589 Fax 619.262.3833
Contact	Michelle Corral
Program Duration	5 years; two 3-hour classes per week during college semesters; college credit awarded through San Diego Community College District
Requirements	
Age	18 years old minimum age at start of program
Education	High School Diploma or GED
Physical	Able to lift 50 pounds
Exams	Plumbers aptitude test at San Diego Community College
Other	Drug test by employer
Wage Information	Entry level wages: \$11.77/hour plus fringe benefits Journey wages: \$26.33/hour plus fringe benefits
Application Process	Apply at above location
Cost	No cost to apply; apprentices required to purchase textbooks

PLUMBER/PIPEFITTER

Associated Builders & Contractors Program

Description	All aspects of plumbing and pipefitting for commercial, industrial and residential construction
Sponsor	Associated Builders and Contractors of San Diego
Address	4499 Ruffin Road, Suite 300 San Diego, CA 92123
Telephone	858.492.9300 Fax: 858.492.9394
Contact	Sherry Yarbrough
Program Duration	4 years; 7000 hours of on-the-job training; 720 classroom hours
Requirements	
Age	18 years
Education	High School Diploma, GED or high school equivalency
Physical	N/A
Exams	Entrance Test
Other	Drug test required
Wage Information	Entry level wages: \$12.75/hour plus fringe benefits Journey wages: \$29.81/hour plus fringe benefits
Application Process	Applications accepted year round; call to inquire
Cost	No cost to apply; apprentices required to purchase textbooks, approximately \$100 a year

ROOFING AND WATERPROOFING
Union Program

Description	Installation of all types of roofing, including slate, tile and composition; includes waterproofing roof covering
Sponsor	San Diego and Imperial Counties Slate, Tile, and Composition Roofers Joint Apprenticeship Committee
Address	3737 Camino del Rio South, Suite 202 San Diego, CA 92108
Telephone	619.516.0192 Fax 619.516.0194
Contact	Macario Colmenero
Program Duration	3 years
Requirements	
Age	18 years
Education	N/A
Physical	Able to lift 100 pounds
Exams	N/A
Other	N/A
Wage Information	Entry level wages: \$10.42/hour plus fringe benefits Journey wages: \$21.20/hour plus fringe benefits
Application Process	Every Friday from 8 - 10 AM
Cost	No cost to apply

SHEET METAL
Union Program

Description	Sheet metal workers lay out, cut, form, fabricate, assemble and install sheet metal items, such as ducts, blowers, gutters, downspouts, flashings and skylights in building construction; perform alterations for heating, ventilating and air conditioning; work from blueprints, lay out work, cut metal, form metal, then weld, bolt, rivet and solder as required
Sponsor	San Diego Sheet Metal Joint Apprenticeship and Training Committee
Address	4596 Mission Gorge Place San Diego, CA 92120
Telephone	619.265.2758 Fax: 619.265.7638
Contact	Richard McClees
Program Duration	5 years; 210 classroom hours per semester; minimum of 722 job hours every six months
Requirements	
Age	18 years
Education	High School Diploma or GED
Physical	Good physical condition
Exams	Must pass high school math test administered by Palomar College
Other	Drug test required
Wage Information	\$10.25/hour plus fringe benefits
Application Process	Applications accepted year round; testing provided in January or as needed
Cost	No cost to apply; \$18.00 monthly union dues upon acceptance to program

SHEET METAL

Associated Builders & Contractors Program

Description	Sheet metal workers make, install and maintain complete HVAC and pollution control systems. Emphasis on duct, metal roofing, siding, rain gutters, downspouts, skylights, restaurant equipment and all types of sheet metal construction
Sponsor	Associated Builders and Contractors of San Diego
Address	4499 Ruffin Road, Suite 300 San Diego, CA 92123
Telephone	858.492.9300 Fax: 858.492.9394
Contact	Sherry Yarbrough
Program Duration	4 years; 6500 on-the-job training hours and 720 hours classroom work
Requirements	
Age	18 years
Education	High School Diploma, GED or high school equivalency
Physical	N/A
Exams	Entrance test
Other	Drug test required
Wage Information	Entry level wages: \$10.36/hour plus fringe benefits Journey wages: \$25.90/hour plus fringe benefits
Application Process	Applications accepted year round; call to inquire
Cost	No cost to apply; apprentices required to purchase text books, approximately \$100 per year

SURVEYOR
Union Program

Description	Surveyor Chainman assists surveying crew: holds level rod or distance meter reflector to assist in determining elevation and laying out map-making stakes, construction, land and other surveys; measures distance between survey points, using tapes or electronic distance measuring equipment; cuts, clears brush, trees from survey line.
Sponsor	Southern California Surveyors, JAC
Address	709 Brea Canyon Road, Suite 2 Walnut, CA 91789
Telephone	909.598.2652 Fax: 909.594.9537
Contact	Darrell Lewis
Program Duration	Chainman: 3 years with total of 6000 hours on-the-job training, plus classroom work two nights a week and 6 field lab classes on Saturdays. Party Chief: Must complete Chainman Apprenticeship program or equivalent; pass trigonometry competency test, plus additional 2 years with total of 4000 hours and satisfactory trigonometry test score.
Requirements	
Age	18 years
Education	US high school diploma or GED; algebra and geometry
Physical	Good physical condition
Exams	Algebra/geometry test; must read, write and speak English
Other	N/A
Wage Information	Entry level wages: \$12.34/hour plus fringe benefits Chainman Journey wages: \$29.38/hour plus fringe benefits Party Chief Journey wages: \$32.31/hour plus fringe benefits
Application Process	Applications available from office by phone, mail or in person; monthly algebra/geometry testing; applicants notified by mail of date, time, location of qualification test
Cost	No cost to apply

TELECOMMUNICATION INSTALLER
Union Program

Description	Apprentices perform all aspects of electrical/ telecommunications wire tasks in commercial, industrial and residential construction
Sponsor	San Diego Electrical Joint Apprenticeship & Training Committee
Address	4675-D Viewridge Avenue San Diego, CA 92123
Telephone	858.569.6322 x11 Fax: 858.569.0624
Contact	James Westfall, Training Director website: www.positivelyelectric.com
Program Duration	4 years; minimum of 8 semesters of class work (two nights of school per week) and 6400 on-the job training hours
Requirements	
Age	At least 18 years; must provide photo identification (passport or driver's license) at time of application
Education	High School graduate or GED; must show one semester of Algebra with "C" or better (or two semesters pre-algebra with "C" or better); must provide official high school transcript and GED (if applicable). Transcripts must be officially sealed and unopened.
Physical	Good physical condition
Exams	General aptitude exam and interview
Other	Drug test required; valid driver's license and reliable transportation
Wage Information	Entry level wages: \$11.69/hour plus fringe benefits Journey wages: \$21.25/hour plus fringe benefits
Application Process	Bring official documents and photo ID to 4675-D Viewridge Ave, San Diego, any Wednesday between 2 and 4 pm. Applications must be completed immediately and may not be removed from the office
Cost	No cost to apply; NO TUITION; students purchase text books and tools; union membership required to IBEW, Local 569

TILE SETTER

Associated General Contractors Program

Description	Tile setter installs and lays tile and/or marble on interior and exterior surfaces
Sponsor	Associated General Contractors of America
Address	6212 Ferris Square San Diego, CA 92121
Telephone	858.588.0739 Fax: 858.588.8941
Contact	Basil Espinosa
Program Duration	5000 hours within five years
Requirements	
Age	18 years
Education	High school diploma or GED
Physical	Good physical condition (exam may be required by employer)
Exams	No formal exam, however, must have good manual dexterity and an ability to solve math problems quickly
Other	Most employers will require a drug test before hiring
Wage Information	Entry level wages: \$10.27/hour plus fringe benefits Journey wages: \$22.00/hour plus fringe benefits
Application Process	Applications accepted all year long; must apply in person
Cost	No cost to apply; apprentices required to pay for educational text books